



# STRATEGIC PLANNING & INNOVATION

2017 Episodes of Care Results

# Results of Episodes of Care Program

## CY 2015

*Estimated Savings\*:*

**\$10.8 million**

- Providers and hospitals reduced costs while maintaining quality of care
- Gain sharing payments to providers exceeded risk sharing payments by **\$280,000**

*Episodes included:* perinatal, total joint replacement (TJR), acute asthma exacerbation

## CY 2016

*Estimated Savings\*:*

**\$14.5 million**

- Quality metrics **improved** for perinatal, total joint replacement, and COPD, and were mostly maintained for the remaining episodes
- Gain sharing payments to providers exceeded risk sharing payments by **\$395,000**

*Episodes included:* perinatal, TJR, acute asthma exacerbation, colonoscopy, acute PCI, non-acute PCI, cholecystectomy, COPD

## CY 2017

*Estimated Savings\*:*

**\$28.6 million**

- Quality metrics **improved** or maintained for most episodes
- Gain sharing payments to providers exceeded risk sharing payments by **\$206,903**

*Episodes included:* perinatal, TJR, acute asthma exacerbation, colonoscopy, acute PCI, non-acute PCI, cholecystectomy, COPD, GI Hemorrhage, EGD, Respiratory Infection, Pneumonia, UTI outpatient, UTI inpatient, CHF, ODD, CABG, Valve, Bariatric

\*Compared to 3% projected medical cost trend



# SAVINGS RESULTS

Episodes estimated savings for 2017 is approximately **\$28.6 million** due to episodes' risk-adjusted cost being less than projected medical trend of a 3% annual increase

	Projected	Actual	Estimated Savings per Episode	Percent Savings per Episode	Number of Valid Episodes	Total Estimated Savings
Total	-	-	-	-	<b>616,748</b>	<b>\$28,595,086</b>
Perinatal	\$7,313	\$6,790	\$523	7.7%	22,005	\$11,517,647
Acute Asthma Exacerbation	\$1,287	\$942	\$345	36.6%	11,878	\$4,099,271
Total Joint Replacement	\$13,241	\$12,017	\$1,223	10.2%	443	\$542,004
Cholecystectomy	\$4,792	\$4,653	\$139	3.0%	1,895	\$264,089
Colonoscopy	\$1,145	\$1,087	\$58	5.3%	3,111	\$180,839
COPD	\$2,461	\$2,301	\$160	7.0%	4,357	\$698,348
Acute PCI	\$9,657	\$10,399	(\$743)	-7.1%	459	(\$340,827)
Non-acute PCI	\$7,134	\$6,865	\$269	3.9%	129	\$34,641
GIH	\$3,671	\$3,307	\$364	11.0%	1,427	\$519,454
EGD	\$1,247	\$1,220	\$27	2.2%	10,019	\$268,609
Respiratory Infection	\$124	\$114	\$10	9.0%	500,279	\$5,131,518
Pneumonia	\$1,260	\$1,017	\$243	23.9%	13,197	\$3,210,126
UTI-Outpatient	\$155	\$153	\$2	1.4%	40,995	\$84,895
UTI-Inpatient	\$4,203	\$4,042	\$161	4.0%	1,404	\$225,944
CHF	\$5,916	\$5,821	\$96	1.6%	2,222	\$212,436
ODD	\$1,364	\$1,187	\$177	15.0%	2,129	\$377,683
CABG	\$29,693	\$28,379	\$1,314	4.6%	180	\$236,505
Valve Repair and Replacement	\$72,646	\$52,760	\$19,885	37.7%	76	\$1,511,270
Bariatric Surgery	\$8,068	\$8,398	(\$330)	-3.9%	543	(\$179,366)



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# QUALITY RESULTS

# Episode Gain Sharing Quality Metrics – Wave 1

Wave 1 Episodes*	CY 2014	CY 2015	CY 2016	CY 2017	Target Performance
<b>Perinatal</b> (22,005 valid episodes)**					
HIV Screening (≥ 85%)	90.2%	88.3%	87.7%	89.1%	↑
Group B Streptococcus Screening (≥ 85%)	87.8%	85.9%	94.0%	95.5%	↑
C-Section Rate (≤ 41%)	30.5%	31.6%	30.6%	31.2%	↓
<b>Acute Asthma Exacerbation</b> (11,878 valid episodes)					
Follow-up Visit with Physician (≥ 30%)	N/A	N/A***	29.6%	30.3%	↑
Patient on Appropriate Medication (≥ 30%)	N/A	N/A***	60.3%	65.4%	↑

\*There are no quality metrics tied to gain sharing for the total joint replacement episode.

\*\*Valid episodes in 2017 performance period across all three MCOs

\*\*\*There was a coding change to these quality metrics so there is no direct comparison.



Green text = positive movement  
 Red text = negative movement  
 Black text = less than one percentage point movement

# Episode Gain Sharing Quality Metrics – Wave 2

Wave 2 Episodes*	CY 2015	CY 2016	CY 2017	Target Performance
<b>Cholecystectomy</b> (1,895 valid episodes)**				
Hospitalization in Post-Trigger Window ( $\leq 10\%$ )	0.8%	1.0%	0.9%	↓
<b>COPD</b> (4,357 valid episodes)				
Follow-up Care Within Post-Trigger Window ( $\geq 40\%$ )	45.1%	46.7%	47.4%	↑
<b>Acute PCI</b> (459 valid episodes)				
Hospitalization in Post-Trigger Window ( $\leq 10\%$ )	1.0%	0.7%	0.7%	↓
<b>Non-acute PCI</b> (129 valid episodes)				
Hospitalization in Post-Trigger Window ( $\leq 10\%$ )	0.0%	1.6%	0.0%	↓

\*There are no quality metrics tied to gain sharing for the colonoscopy episode.

\*\*Valid episodes in 2017 performance period across all three MCOs



Green text = positive movement  
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# Episode Gain Sharing Quality Metrics – Wave 3

Wave 3 Episodes*	CY 2016	CY 2017	Target Performance
<b>GI Hemorrhage</b> (1,427 valid episodes)**			
1. Follow-up Care Within Post-Trigger Window (≥ 40%)	49.0%	51.9%	↑
<b>Pneumonia</b> (13,197 valid episodes)			
1. Follow-up Care Within Post-Trigger Window (≥ 30%)	36.7%	36.9%	↑
<b>UTI-Inpatient</b> (1,404 valid episodes)			
1. Follow-up Care Within Post-Trigger Window (≥ 40%)	46.0%	43.5%	↑
<b>UTI-Outpatient</b> (40,995 valid episodes)			
1. Admission Within the Trigger Window for ED Triggered Episodes	2.7%	2.1%	↓
2. Admission Within the Trigger Window for Non-ED Triggered Episodes	1.5%	1.7%	↓

\*There are no quality metrics tied to gain sharing for the EGD and respiratory infection episode.

\*\*Valid episodes in 2017 performance period across all three MCOs



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# Episode Gain Sharing Quality Metrics – Wave 4

Wave 4 Episodes	CY 2016	CY 2017	Target Performance
<b>Bariatric Surgery</b> (543 valid episodes)*			
Follow-up Care Within Post-Trigger Window (≥ 30%)	35.6%	37.4%	↑
<b>CHF Acute Exacerbation</b> (2,222 valid episodes)			
Follow-up Care Within Post-Trigger Window (≥ 60%)	56.2%	57.2%	↑
<b>ODD</b> (2,129 valid episodes)			
Minimum Care Requirement (≥ 70%)	26.7%	35.8%	↑
<b>CABG</b> (180 valid episodes)			
Follow-up Care Within Post-Trigger Window (≥ 90%)	71.4%	70.0%	↑
<b>Valve Repair and Replacement</b> (76 valid episodes)			
Follow-up Care Within Post-Trigger Window (≥ 90%)	78.5%	77.7%	↑

\*Valid episodes in 2017 performance period across all three MCOs



Green text = positive movement  
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# INCENTIVE PAYMENTS

# Estimate of Risk Sharing and Gain Sharing Payments 2017 Performance Period

<b>Total TennCare: Blue Care, Amerigroup, and United</b>				
	<b>Gain Sharing</b>	<b>Risk Sharing</b>	<b>Balance</b>	<b>Valid Episodes</b>
Perinatal	\$1,463,895	\$1,250,730	\$213,165	22,005
Acute Asthma Exacerbation	\$217,319	\$58,352	\$158,967	11,878
Total Joint Replacement	\$24,191	\$179,206	(\$155,014)	443
Cholecystectomy	\$17,005	\$67,581	(\$50,577)	1,895
Colonoscopy	\$20,231	\$57,832	(\$37,601)	3,111
COPD	\$27,407	\$62,544	(\$35,137)	4,357
Acute PCI	\$39,653	\$261,281	(\$221,629)	459
Non-acute PCI	\$13,280	\$12,860	\$420	129
GI Hemorrhage	\$80,326	\$33,685	\$46,641	1,427
EGD	\$101,633	\$85,251	\$16,382	10,019
Respiratory Infection	\$422,820	\$75,855	\$346,964	500,279
Pneumonia	\$297,032	\$12,199	\$284,832	13,197
UTI-Outpatient	\$66,970	\$83,878	(\$16,908)	40,995
UTI-Inpatient	\$35,080	\$58,181	(\$23,102)	1,404
CHF	\$54,261	\$118,090	(\$63,829)	2,222
ODD	\$8,126	\$119,004	(\$110,878)	2,129
CABG	\$10,139	\$52,114	(\$41,975)	180
Valve Repair and Replacement	\$67,257	\$43,993	\$23,263	76
Bariatric Surgery	\$10,138	\$137,221	(\$127,083)	543
<b>Total</b>	<b>\$2,976,762</b>	<b>\$2,769,859</b>	<b>\$206,903</b>	<b>616,748</b>



Thank you!